

Re: Dimock  
Richard Rupert to: Dennis Carney  
Cc: Gerald Heston, Richard Fetzer, Ann DiDonato

12/23/2011 09:09 AM

From: Richard Rupert/R3/USEPA/US  
To: Dennis Carney/R3/USEPA/US@EPA,  
Cc: Gerald Heston/R3/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA, Ann DiDonato/R3/USEPA/US@EPA

Den, may I contact Ralph directly?

FYI when I was talking with a member of the ORD ADA guys who was part of the PA sampling (Dimock and Bradford) he said all the data was under going QAQC.  
thanks  
Rich

Dennis Carney                      Guys, here's the results to date for DW wells in Dimock that were sampled as...                      12/22/2011 02:56:54 PM

From: Dennis Carney/R3/USEPA/US  
To: Richard Fetzer/R3/USEPA/US@EPA, Richard Rupert/R3/USEPA/US  
Cc: Gerald Heston/R3/USEPA/US@EPA  
Date: 12/22/2011 02:56 PM  
Subject: Dimock

Guys, here's the results to date for DW wells in Dimock that were sampled as part of ORD's hydraulic fracturing study. Also included is the contact info for Ralph Ludwig whose is the ORD contact who has agreed to review our draft sampling plan. In turn I agreed that we will eventually share with ORD any sampling results we generate. Thanks, den.

----- Forwarded by Dennis Carney/R3/USEPA/US on 12/22/2011 02:51 PM -----

From: Michael DAndrea/R3/USEPA/US  
To: Garvin.Shawn@epamail.epa.gov, "Dennis Carney" <Carney.Dennis@epamail.epa.gov>, "Michael Kulik" <Kulik.Michael@epamail.epa.gov>, Ryan.Daniel@epamail.epa.gov, "Ron Borsellino" <Borsellino.Ron@epamail.epa.gov>  
Date: 12/21/2011 07:16 PM  
Subject: Fw: Fw: Incident-specific RICT ACTIVATION Meeting on 12/22/11 @ 10:00am in RRC

ORD - ADA result from dimick  
Sent by EPA Wireless E-Mail Services  
Ralph Ludwig

----- Original Message -----  
From: Ralph Ludwig  
Sent: 12/21/2011 02:11 PM CST  
To: Cynthia Metzger; John Krakowiak; John Pomponio; Michael Dandrea; Victoria Binetti; KarenD Johnson  
Cc: Jeanne Briskin; David Jewett  
Subject: Re: Fw: Incident-specific RICT ACTIVATION Meeting on 12/22/11 @ 10:00am in RRC

Attached is a table summarizing results for the two Lopez wells and the Salsman well in Dimock PA. This data was collected on Nov 1, 2011. The data has received minimal QA review at this time. We do not yet have VOC data available but may have it by the end of this week.

Please advise if you have any questions/concerns.

Ralph Ludwig

[attachment "Dimock ORD data for Region 3 v1.xlsx" deleted by Richard Rupert/R3/USEPA/US]

Ralph D. Ludwig, Ph.D.  
U.S. EPA  
National Risk Management Research Laboratory  
Ground Water and Ecosystem Restoration Division  
919 Kerr Research Dr.  
P.O. Box 1198  
Ada, OK 74820

Phone: 580-436-8603    Fax: 580-436-8614

Cynthia Metzger                      Hi Ralph - just wanted to confirm that you will we email me the preliminary res...                      12/21/2011 11:43:12 AM

From: Cynthia Metzger/ESC/R3/USEPA/US  
To: Ralph Ludwig/ADA/USEPA/US@EPA  
Cc: John Krakowiak/R3/USEPA/US@EPA, John Pomponio/R3/USEPA/US@EPA, Michael DAndrea/R3/USEPA/US@EPA  
Date: 12/21/2011 11:43 AM  
Subject: Fw: Incident-specific RICT ACTIVATION Meeting on 12/22/11 @ 10:00am in RRC

Hi Ralph - just wanted to confirm that you will we email me the preliminary results for sample numbers NEPAGW21, NEPAGW22, and NEPAGW23, from the Northeast PA retrospective study, by 9:00 a.m. tomorrow. The data will help inform our next steps. Let me know if you have any questions. Thanks very much for your assistance.

Cindy Metzger, Director  
Office of Analytical Services & Quality Assurance  
EPA Region III  
701 Mapes Road  
Ft. Meade, MD 20755-5350  
410-305-2735 (voice)  
410-305-3095 (fax)

metzger.cynthia@epa.gov  
----- Forwarded by Cynthia Metzger/ESC/R3/USEPA/US on 12/21/2011 12:35 PM -----

From: Jada Goodwin/R3/USEPA/US  
To: Bonnie Gross/R3/USEPA/US@EPA, Catherine Libertz/R3/USEPA/US@EPA, Cynthia Metzger/ESC/R3/USEPA/US@EPA, David Arnold/R3/USEPA/US@EPA, David Dillon/R3/USEPA/US@EPA, Dennis Carney/R3/USEPA/US@EPA, Jada Goodwin/R3/USEPA/US@EPA, John Armstead/R3/USEPA/US@EPA, John Krakowiak/R3/USEPA/US@EPA, Kathy Hodgkiss/R3/USEPA/US@EPA, Michael Kulik/R3/USEPA/US@EPA, Tai-Ming Chang/R3/USEPA/US@EPA, Thomas Damm/CBP/USEPA/US@EPA, Wayne Naylor/R3/USEPA/US@EPA, Cecil Rodrigues/R3/USEPA/US@EPA, Brad Starnes/R3/USEPA/US@EPA  
Cc: Bonnie Gross/R3/USEPA/US@EPA, Fran Burns/R3/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA, Jada Goodwin/R3/USEPA/US@EPA, Jim Newsom/R3/USEPA/US, Josie Matsinger/R3/USEPA/US, Linda Marzulli/R3/USEPA/US@EPA, William Early/R3/USEPA/US  
Date: 12/21/2011 08:50 AM  
Subject: Incident-specific RICT ACTIVATION Meeting on 12/22/11 @ 10:00am in RRC



Incident-specific RICT Activation Notification

**PURPOSE:** The purpose of this note is to activate an Incident-specific RICT for implementing activities and decisions on drinking water concerns involving Marcellus Shale drilling in Dimock, PA. The Incident-specific RICT should include as a minimum, representatives from HSCD, WPD, EAID, ORC, OPA and OSCR. Other programs are welcome to join the kick-off meeting which will be held on **Thursday, December 22, 2010 at 10:00am in the Regional Response Center (RRC). If you are unable to make the meeting the bridge line (215-814-5996, code 123456) will be available.**

**BACKGROUND:** The Pennsylvania Department of Environmental Protection (PADEP) issued an order to the Cabot Oil and Gas Company to provide drinking water and/or methane treatment systems for the affected residences in Dimock, PA due to contamination of private drinking water wells resulting from the Marcellus Shale drilling operations in the area. Cabot Oil and Gas while not in agreement with the findings of the order proceeded with actions in an apparent effort to comply. These efforts included providing alternate water, offering individual home treatment systems and eventually establishing an escrow account which would enable homeowners to fund the expense of providing their own alternative water arrangements. PADEP recently determined that Cabot had fulfilled the terms of the order and agreed that the company could withdraw any future provision of alternate water. However, a review of the limited data available to EPA raises questions as to the adequacy and safety of private drinking water. Furthermore, concerned citizens have contacted the EPA Administrator requesting federal help to ensure their drinking water is safe.

**CURRENT ACTIVITIES:** A briefing was held for the EPA Administrator on 12/16/11 giving her options on how to address the situation. An action plan was developed and RICT members will help with ensuring that the plan is implemented. Further details will be given at the RICT meeting.

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Emergency Planner  
RICT Executive Secretary  
RSC Coordinator  
Phone: 215-814-5381  
Cell: 215-266-7261  
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Email: goodwin.jada@epa.gov

----- Forwarded by Dennis Carney/R3/USEPA/US on 12/22/2011 02:51 PM -----

From: Michael DAndrea/R3/USEPA/US  
To: "Shawn Garvin" <Garvin.Shawn@epamail.epa.gov>, "Ron Borsellino" <Borsellino.Ron@epamail.epa.gov>, "Dennis Carney" <Carney.Dennis@epamail.epa.gov>, "Daniel Ryan" <Ryan.Daniel@epamail.epa.gov>  
Date: 12/21/2011 07:20 PM  
Subject: Fw: data correction for aluminum

Sent by EPA Wireless E-Mail Services  
Ralph Ludwig

----- Original Message -----

**From:** Ralph Ludwig  
**Sent:** 12/21/2011 03:28 PM CST  
**To:** Cynthia Metzger; John Krakowiak; John Pomponio; Michael Dandrea; Victoria Binetti; KarenD Johnson  
**Cc:** Jeanne Briskin; David Jewett  
**Subject:** data correction for aluminum

The data table sent in my previous e-mail should have shown total aluminum (Al) at the three wells at <164 ug/L (not 0.164 ug/L). My apologies.

Ralph

Ralph D. Ludwig, Ph.D.  
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